IN THE SPECIFICATION

Please delete the paragraphs in the specification at page 6, line 7 to page 7, line 15, in their entirety, and insert therefor the following replacement paragraphs as follows:

According to the present invention, the heat of a heater portion contained in a transparent case is radiated to a heater plate mounted above the transparent case and uniformly heats the heater plate, and the heat radiated from the heater plate heats a substrate. Therefore, the transparent case prevents contamination by a heating element, maintains a uniform temperature distribution for the substrate, suppresses warping of the substrate, and enables a deposition process of the substrate to be executed reliably and efficiently. Accordingly productivity can be improved.

Furthermore, according to the present invention, since an internal space of the processing vessel and an internal space of the transparent case are depressurized, internal/external pressure of the transparent case is suppressed and thermal conductivity of heat from the heating member is improved by allowing the thickness of the transparent case to be thinner to the extent of the reduced amount of pressure upon the transparent case.

Furthermore, according to the present invention, an entire face of the substrate can be efficiently and uniformly heated by providing a heat reflecting member below the heating element.

Furthermore, according to the present invention, gas is injected from one side of the processing vessel to the substrate and gas is evacuated from another side of the processing vessel; thereby gas can be stably supplied at a constant flow rate (laminar flow) from a single direction to the surface of the substrate held inside the processing space. Therefore, the deposition process can be stably and efficiently performed on the substrate. Accordingly productivity can be improved.

Furthermore, according to the present invention, since an ultraviolet source for irradiating ultraviolet rays to the processing space is provided, ultraviolet rays can be stably irradiated to the substrate held inside the processing space.

Furthermore, according to the present invention, since the transparent case includes a support bridge portion extending across the inside of the cylinder portion, the strength of the transparent case can be enhanced.